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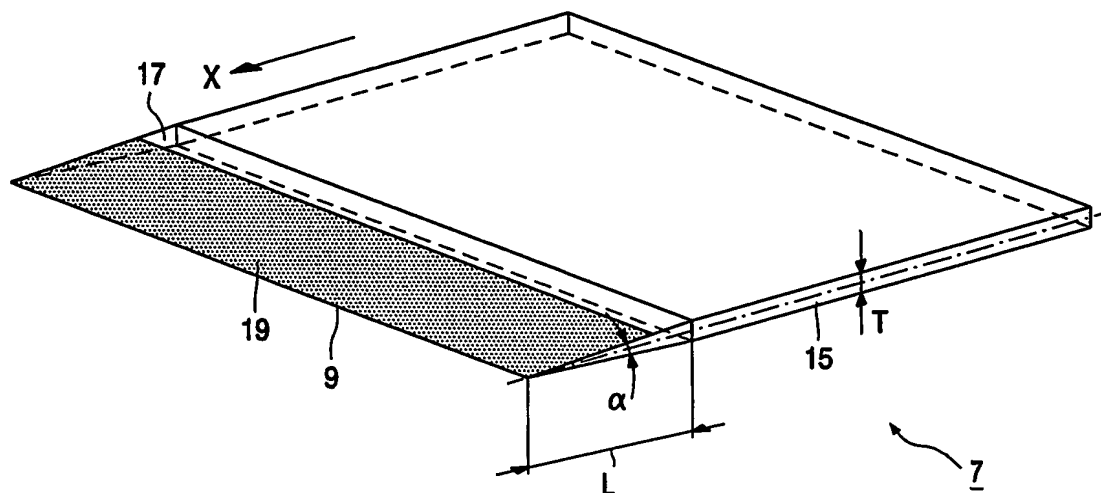
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(54) Title: A COATED CUTTING MEMBER HAVING A NITRIDE HARDENED SUBSTRATE



(57) Abstract: The invention relates to a cutting member (7) for use in a device for shaving hair. The cutting member comprises a steel substrate (15) which is provided with a cutting edge (9). At least a portion of a surface (27) of the substrate including the cutting edge is provided with a protective coating (19) having a hardness which is higher than a hardness of the steel substrate. According to the invention, the portion of the surface (27) of the substrate (15) provided with the coating (19) is nitride hardened. As a result, the substrate provides an improved mechanical supporting function for the coating. In this manner, the risk that the coating will break as a result of deformations of the substrate, which occur under the influence of high mechanical loads on the coating and on the cutting edge (9), is considerably limited. Examples of suitable coatings (19) in combination with the nitride (hardened steel substrate (15) are diamond-like carbon and coatings having a superlattice structure comprising carbon and a metal, e.g. Cr.

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